

Abstract

Briefly, in accordance with one embodiment of the invention, a method of inverse quantizing quantized signal samples of an image during image decompression includes the following. A process to transform the signal samples from a first domain to a second domain is applied. During the transform process, signal samples are filter, by first applying scaled filter coefficients to signal samples along the image in a first direction and then applying scaled filter coefficients to signal samples along the image in a second direction, so that at the completion of the transform process of the image, at least a selected portion of the transformed signal samples are inverse quantized. Many other embodiments in accordance with the invention are also described.